Heat Pump Catalogue

FEBRUARY 2012

Choose a Fujitsu like I did, and come home to the comfort of Fujitsu Better Heat®

FUJITSU BETTER HEAT
BETTER EFFICIENCY, HEAT GUARANTEED

NEW ZEALAND'S FAVOURITE AIR™

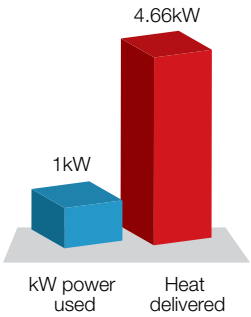
FUJITSU

WHAT IS FUJITSU BETTER HEAT®?

Fujitsu Better Heat® is more than effortless home heating. It means the best possible economy, all the features you need and the Fujitsu Better Heat Guarantee® – which ensures you are getting the very best heat pump available, to enhance your comfortable home lifestyle.

BETTER HEAT FOR YOUR COMFORTABLE LIFESTYLE

Everything we do is designed to fit seamlessly into your lifestyle. Starting with a totally comprehensive range, you will find compact designs (both inside and outside units), leading energy savings, uniquely convenient, healthy features and unbeatable quietness – giving you the perfect model to enhance your home life.



BETTER HEAT EFFICIENCY

With the increasing cost of power and the real need to reduce our energy consumption, our parent company, Fujitsu General Japan has used its 40 years of experience and spent hundreds of millions of dollars on Research & Development to deliver the ultimate in energy efficiency.

It therefore comes as no surprise that Fujitsu have more ENERGY STAR® qualified heat pumps than any other manufacturer and leads the way in bringing you unique energy saving features. All heat pumps are efficient heaters, but Fujitsu's inverter engineering ensures that you will enjoy the very best economy across the whole Fujitsu heat pump range – often delivering well over 4 times the heat for energy used. That will save your power bills!

BETTER HEAT GUARANTEE®

Only Fujitsu guarantees you will get the heat you need.

BETTER HEAT GUARANTEE

We are so confident that you will be delighted with your new Fujitsu, our Heat Specialists now offer the written Fujitsu Better Heat® Guarantee, which is your assurance that the Fujitsu Heat Pump specified for your home will deliver on its promised performance.

Ask your Fujitsu Heat Specialist for a no obligation "Comfort Selector" report. You will see all the information you need – such as running costs, features, running tips, as well as the quotation to buy and have installed by an Accredited Heat Specialist.

ACCREDITED HEAT SPECIALISTS

Fujitsu is the only company in New Zealand that runs the respected Accreditation scheme for independent Heat Specialists and Installers.

To achieve Accreditation, the specialist must satisfy Fujitsu that they have the experience, training, and specialist equipment to install your new Fujitsu heat pump in accordance with manufacturer requirements and applying sound trade practices.

Which means you will have the peace of mind in knowing that you'll have the services of a real professional, who can also offer a 6-year warranty on parts and labour – New Zealand's longest.

HOW FUJITSU BETTER HEAT® LEADS THE WAY

FUJITSU ARE HEAT PUMP SPECIALISTS

That's why you can rely on Fujitsu engineering to deliver all the heat you need, just when you need it. You will be as warm as toast when it's freezing outside and with the reverse cycle using the same engineering to cool and dehumidify your home environment, will be cool and comfortable in summer.

LOWER RUNNING COSTS

New Zealand's Most Energy Efficient Products

Fujitsu's DC and Inverter technologies save more power than ever before.

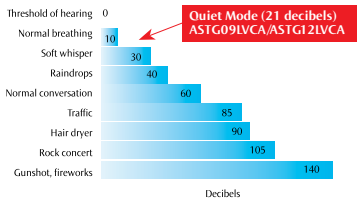
The savings are significant for example, with a COP of 4.66 for the ASTG09 hi-wall, you will get up to 4.66kW of heat for every 1kW of power you use. Sounds unbelievable doesn't it, but it's true. If you'd like to learn more about how heat pumps work, check out our website – www.fujitsugeneral.co.nz

A FRESHER, HEALTHIER HOME

Fujitsu is recommended by Asthma New Zealand

Fujitsu's advanced air purifying and deodorising filters absorb minute dust particles, invisible mould spores, pollen and other harmful micro organisms giving you a healthier home environment. This is why Fujitsu is recommended by Asthma New Zealand.

JUST QUIETLY



Brilliant fan technology, plus 'quiet mode' on most Fujitsu models means that noise is not an issue with Fujitsu. Compare our decibel levels and you will see that even our larger heat pumps operating on full capacity are usually quieter than any other brand in New Zealand. Whisper quiet is a Fujitsu fact – not just an advertising claim.

COMPREHENSIVE RANGE

With more ENERGY STAR® heat pumps than any other brand, you will find the perfect match to your home and lifestyle.

Check the 'how to choose a heat pump" section on our website to find your perfect match!

COMPACT OUTSIDE UNITS WITH BLUE FIN HEAT EXCHANGER

Fujitsu's outside units are more compact, with low operating noise from the efficient airflow structure.

Importantly, Fujitsu outside unit heat exchanger fins are also specially coated with Blue Fin Cobalt Blue – to help protect against corrosion and enhance the durability as well as extend the performance life of your Fujitsu heat pump.

THE COMFORT SELECTOR®

This clever program is a free service from your Accredited Heat Specialist.

Its purpose is to select the perfect heat pump for your home and needs and provide you with all the information about your heat pump before you buy.

The Comfort Selector will:

1. Assess everything about your home, including its location in New Zealand and your individual heating needs
2. Select the perfect model for you
3. Provide you with:
    - Quotation
    - Heat pump Running Costs (it will even show you the savings you can make)
    - Heat pump features and benefits
    - Efficient running tips

So you can be sure that you'll choose the best possible heat pump for you.

- About your home
- Selected heat pump
- Running costs (and savings) - heat pump features and benefits
- Efficient running tips
- Heat performance Guarantee

ONLY FUJITSU WILL GIVE YOU A WRITTEN HEAT PERFORMANCE GUARANTEE

BETTER HEAT GUARANTEE

We are so confident that the chosen Fujitsu heat pump will work perfectly in your home, that when you use the Comfort Selector® you will also get the written Fujitsu Better Heat® Guarantee – your guarantee that your Fujitsu will deliver the better heat you need for a warm, comfortable and convenient environment.

OPTIONAL WALL CONTROLLER

The Fujitsu Wall Controller is a smart optional extra – it is very simple to use and has features to help you control your comfort with maximum efficiency and convenience.

The 7-day programmable timer means you can simply "set and forget", with up to 2 x start and 2 x stop settings per day. So for example, it can be set to start just prior to you waking in the morning and switch off automatically when you leave for work, then come on just before you come home and switch off again at bedtime.

Other features include temperature set-back timers, allowing you to choose different ideal temperatures for day and night, child lock, memory back-up setting for quick return to your favoured settings as well as a filter maintenance display, letting you know when your filters need cleaning.

Check our website for FAQ's, detailed information on how heat pumps work and our full range of models.

www.fujitsugeneral.co.nz

COMPACT HI WALL PREMIER

ASTG09LVCA

Heating capacity: 3.4kW
Heating efficiency: COP 4.66
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.3

ASTG12LVCB

Heating capacity: 4.8kW
Heating efficiency: COP 4.32
Cooling capacity: 3.5kW
Cooling efficiency: EER 3.8

ASTG18LVCB

Heating capacity: 6.0kW
Heating efficiency: COP 4.03
Cooling capacity: 5.0kW
Cooling efficiency: EER 3.27

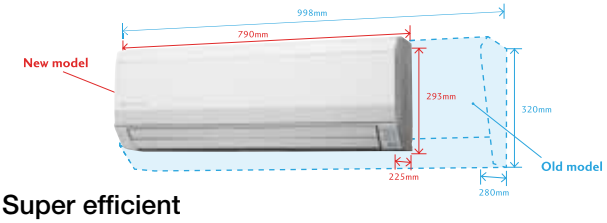
ASTG22LVCB

Heating capacity: 7.2kW
Heating efficiency: COP 3.55
Cooling capacity: 6.3kW
Cooling efficiency: EER 3.23

This extremely popular heat pump range is very compact with smart flat panels outside and the most advanced engineering inside. Fantastic energy savings are achieved with Fujitsu's improved heat exchange technology and the units also offer near silent operation, healthy fresh air filters and many extra features.

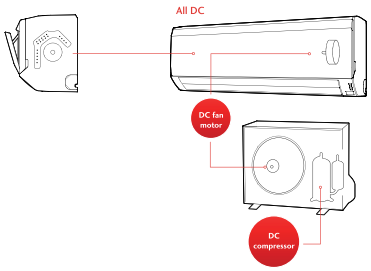
Compact design

New Zealand's smallest 7.0kW Indoor unit



Super efficient

Significantly higher energy efficiency has been achieved with Fujitsu's DC twin rotary compressor, DC Inverter control and DC fan motor technologies.



Healthy air filters

Fujitsu's advanced filter systems contribute to a fresher, cleaner and healthier living environment.

Fujitsu is recommended by Asthma New Zealand

Apple-Catechin Filter

These clever filters use static electricity to collect fine dust, invisible mould spores, pollen and harmful micro organisms from the air.

The filter contains catechin which is highly effective against many bacteria because it suppresses the growth of bacteria absorbed by the filter.

Long-life Ion Deodorisation Filter

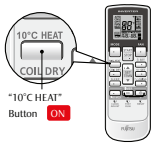
This filter absorbs common household odours including kitchen and pet smells.

Super quiet

ALL Fujitsu wall mounted models are equipped with 4 fan speeds including quiet fan mode, allowing some of the indoor units to operate as low as 21 decibels. In addition to this, Fujitsu's fan technology means that our models are quieter even when working their hardest to quickly heat or cool a room.

10˚C heat operation

This function on the remote control will prevent the room temperature from falling below 10°C, so the room will never be too cold when you are away.

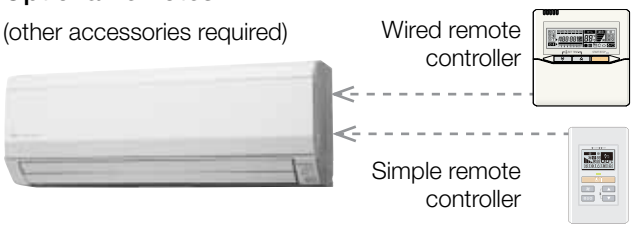


CONTROL OPTIONS

- Four standard timers (On/Off/Program/Sleep timers)
- Easy operation
- Easy to change transmission mode

Optional remotes

(other accessories required)



Compact outside units

Fujitsu's outside units set the industry standard for compact design, yet still deliver all the power required, with efficient airflow design that reduces operation noise.

Blue fin heat exchanger

65% of Kiwis live within reach of salt laden air. That's why Fujitsu's outside heat exchange units are coated with a blue corrosion resistant material to enhance durability and help extend the performance life of your heat pump.

Compact Hi Wall specifications

				INVERTER	INVERTER	INVERTER	INVERTER
Model No.	Indoor Unit			ASTG09LVCA	ASTG12LVCB	ASTG18LVCB	ASTG22LVCB
	Outdoor Unit			AOTG09LVC	AOTG12LVC	AOTG18LVC	AOTG22LVC
Cooling Capacities			kW	2.5	3.5	5.0	6.3
Cooling Range			kW	0.5 - 3.3	0.9 - 4.0	0.9 - 5.8	0.9 - 7.3
Heating Capacities			kW	3.4	4.8	6.0	7.2
Heating Range			kW	0.5 - 4.0	0.9 - 5.6	1.05 - 8.1	1.05 - 8.7
Star Rating		Cool		4.0	3.0	2.0	2.0
		Heat		4.5	4.0	3.5	2.5
E.E.R Cool			W/W	4.31	3.80	3.27	3.23
C.O.P Heat			W/W	4.66	4.32	4.03	3.55
Running Current		Cool	Amps	2.8	4.2	6.5	8.2
		Heat	Amps	3.5	5.0	6.3	8.5
Input Power (Max)		Cool	kW	0.58 (1.24 Max)	0.92 (1.42 Max)	1.53 (2.03 Max)	1.95 (2.75 Max)
		Heat	kW	0.73 (1.56 Max)	1.11 (2.0 Max)	1.49 (3.19 Max)	2.03 (4.18 Max)
Moisture Removal			L/Hr	1.3	1.8	2.6	2.7
Fan Speeds				4	4	4	4
Air Circulation			l/s	225	239	267	266
Indoor Sound Pressure Level		Quiet	Dba at 1m	21	21	29	32
		Low	Dba at 1m	30	30	35	37
		Med	Dba at 1m	36	37	40	42
		High	Dba at 1m	41	42	46	48
Outdoor Sound Pressure Level			Dba at 1m	47	48	53	55
Dimensions and Weights	I.U	Height	mm	293	293	293	293
		Width	mm	790	790	790	790
		Depth	mm	225	225	225	225
		Net Weight	kg	9.5	9.5	9.5	12
	O.U	Height	mm	540	540	620	620
		Width	mm	660	790	790	790
		Depth	mm	290	290	290	290
		Net Weight	kg	26	35	40	42
Outdoor Operating Temp		Cool	Degree C	10 to 43	10 to 43	10 to 43	10 to 46
		Heat	Degree C	-15 to 24	-15 to 24	-15 to 24	-15 to 24

2012 International Winner:
Brilliant new Design

FUJITSU PREMIER PLUS WITH HUMAN SENSOR

ASTG09L

Heating capacity: 3.4kW
Heating efficiency: COP 4.36
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.31

ASTG14L

Heating capacity: 5.4kW
Heating efficiency: COP 3.67
Cooling capacity: 4.2kW
Cooling efficiency: EER 3.36

ASTG18L

Heating capacity: 6.0kW
Heating efficiency: COP 3.80
Cooling capacity: 5.0kW
Cooling efficiency: EER 3.27

The Fujitsu Premier Plus gives you 40 years of innovation in one heat pump.

Its compact, slim design fits any interior, and the many clever features will add increased power savings, convenience and healthier fresh air to your warm and comfortable environment.

CONVENIENCE PLUS

Set-and-forget remote controller

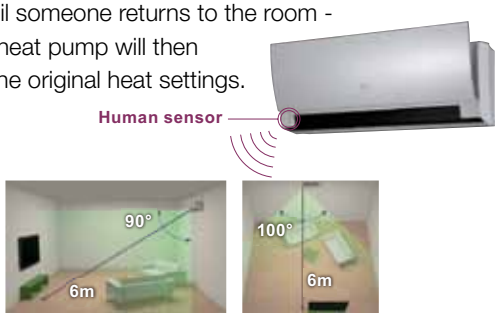
This smart, very thin remote has a large easy to view LCD display with a one touch button. Best of all though is its built-in 7-day timer, so you need only set it once if you wish. It also has sleep and programme timers.

The ON and OFF timer can be set up to 4 times in one day and 28 times in one week, while the sleep and program times can be selected with one button push. Once set to your requirements you can forget all about your Fujitsu - whilst living in the comfort of your perfect environment.

ENERGY SAVINGS PLUS

Human sensor control

The human sensor infrared technology senses human presence (and not just movement). So it will switch to saving operation 20 minutes after people leave the room. This will reduce the temperature by a maximum 4°C when in heating mode, until someone returns to the room - when the heat pump will then return to the original heat settings.



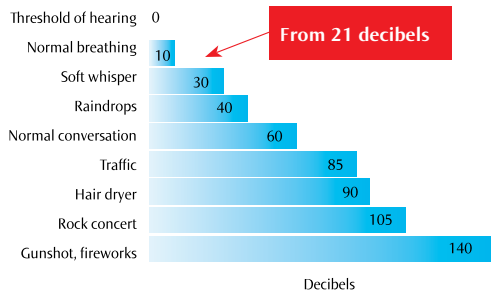
Human sensor's coverage

Economy operation

Switch to economy operation and you will be saving even more energy with this already efficient heat pump. Using this operation will shift the indoor temperature by 1°C, and suppress the power of the outdoor unit.

Just quietly

Brilliant fan technology means that your Premier Plus is as quiet as it gets. In fact, quieter than a soft whisper.

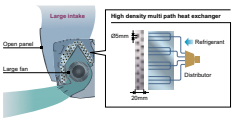


Powerful operation mode

Powerful operation is boosted with the maximum full power and strong airflow, which gives you both rapid heating and cooling.

PLUS ADVANCED ENGINEERING

Indoor unit: quicker heating



Our indoor units are equipped with high density multi-path heat exchangers to increase the heating (and cooling) efficiency. Quicker heating is achieved by adopting an open panel and large diameter long fan which increases both air intake and outflow.

Outdoor unit: compact and quieter

This compact unit has a DC twin rotary compressor to more effectively utilise the available high capacity. The operating noise is also reduced due to an efficient airflow structure design.

Blue Fin protection

The outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.

Healthy air filtration

The Premier Plus has Polyphenol Catechin air cleaning filters, which use static electricity to clean fine particles and dust in the air. Many allergens such as pollen and dust mite carcasses are collected and even bacteria is absorbed, providing a fresher, healthier environment.

Fujitsu is recommended by Asthma New Zealand

Premier Plus specifications

				INVERTER	INVERTER	INVERTER
Model No.	Indoor Unit			ASTG09LUCA	ASTG12LUCA	ASTG18LUCA
	Outdoor Unit			AOTG09LUC	AOTG12LUC	AOTG18LUC
Cooling Capacities			kW	2.5	4.2	5.0
Cooling Range			kW	0.5-3.3	0.9-5.0	0.9-5.8
Heating Capacities			kW	3.4	5.4	6.0
Heating Range			kW	0.5-4.2	0.9-6.0	1.05-7.3
Star Rating		Cool		4.0	2.0	2.0
		Heat		4.0	2.5	3.0
E.E.R Cool			W/W	4.31	3.36	3.27
C.O.P Heat			W/W	4.36	3.67	3.80
Running Current		Cool	Amps	2.8	5.7	6.5
		Heat	Amps	3.7	6.4	6.7
Input Power (Max)		Cool	kW	0.58 (1.42)	1.25 (2.13)	1.53 (2.25)
		Heat	kW	0.78 (1.78)	1.47 (2.49)	1.58 (3.20)
Moisture Removal			L/Hr	1.3	2.1	2.6
Fan Speeds				4	4	4
Air Circulation			l/s	222	267	272
Indoor Sound Pressure Level		Quiet	Dba at 1m	21	25	29
		Low	Dba at 1m	32	33	37
		Med	Dba at 1m	36	40	43
		High	Dba at 1m	42	45	47
Outdoor Sound Pressure Level			Dba at 1m	49	50	53
Dimensions and Weights	I.U	Height	mm	282	282	282
		Width	mm	870	870	870
		Depth	mm	185	185	185
		Net Weight	kg	9.5	9.5	9.5
	O.U	Height	mm	540	540	620
		Width	mm	660	790	790
		Depth	mm	290	290	290
		Net Weight	kg	25	34	40
Outdoor Operating Temp		Cool	Degree C	10°C to 46°C	10°C to 46°C	10°C to 46°C
		Heat	Degree C	-15°C to 24°C	-15°C to 24°C	-15°C to 24°C

HI WALL PREMIER – LARGE CAPACITY LFC SERIES

ASTG24LFCB

Heating capacity: 8.0kW
Heating efficiency: COP 3.54
Cooling capacity: 6.8kW
Cooling efficiency: EER 3.33

ASTG30LFCB

Heating capacity: 9.0kW
Heating efficiency: COP 3.41
Cooling capacity: 8.0kW
Cooling efficiency: EER 3.31

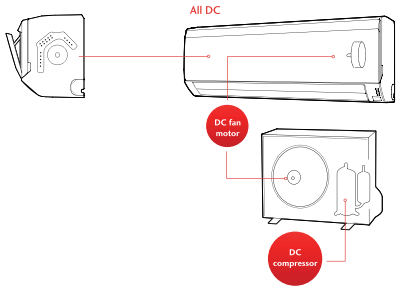
ASTG34LFCB

Heating capacity: 10.0kW
Heating efficiency: COP 3.3
Cooling capacity: 9.2kW
Cooling efficiency: EER 3.29

These smart looking models pack a punch with very powerful performance, but are still super energy efficient. In fact, Fujitsu has delivered one of the best power savings of all time. They will heat large areas effortlessly yet give you the quietness, energy savings and the extra features you'd expect from Fujitsu.

Super efficient with all DC engineering

Significantly higher energy efficiency has been achieved with Fujitsu's DC twin rotary compressor, DC Inverter control and DC fan motor technologies. This gives infinite control over motions speeds.



Healthy air filters

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Apple-Catechin Filter

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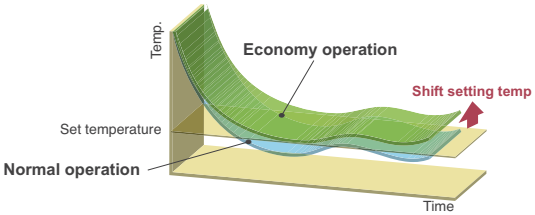
The filter contains catechin which is highly effective against many bacteria by suppressing the growth of the bacteria absorbed by the filter.

Long-life Ion Deodorisation Filter

This filter absorbs common household odours, kitchen and pet smells.

Economy mode

The economy mode will save energy (up to 30% of normal mode). It can be switched on once the indoor unit is operating, can lower the set-temperature a little during heating and raise it a little higher during cooling.



Super quiet

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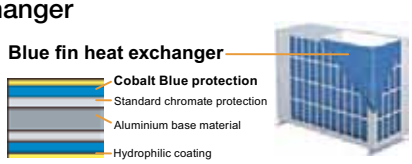
Compact outside units

Fujitsu's outside units set the industry standard for compactness yet still deliver all the power required, with efficient airflow design that reduces operation noise.

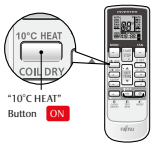
Blue fin heat exchanger

The outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.



10˚C heat operation

This function on the remote control will prevent the room temperature from falling below 10°C, so the room will never be too cold when you are away.



Hi Wall Premier specifications

				INVERTER	INVERTER	INVERTER
Model No.	Indoor Unit			ASTG24LFCB	ASTG30LFCB	ASTG34LFCB
	Outdoor Unit			AOTG24LFLB	AOTG30LFTB	AOTG34LFTB
Cooling Capacities			kW	6.8	8.0	9.2
Cooling Range			kW	0.9 - 8.3	2.9 - 9.0	2.9 - 10.0
Heating Capacities			kW	8.0	9.0	10.0
Heating Range			kW	0.9 - 10.6	2.2 - 11.0	2.7 - 11.2
Star Rating		Cool		2.0	2.0	2.0
		Heat		2.5	2.0	2.0
E.E.R Cool			W/W	3.33	3.31	3.29
C.O.P Heat			W/W	3.54	3.41	3.30
Running Current		Cool	Amps	8.6	10.2	11.8
		Heat	Amps	9.5	11.1	12.8
Input Power (Max)		Cool	kW	2.04 (3.21 Max)	2.42 (4.04 Max)	2.8 (4.40 Max)
		Heat	kW	2.26 (4.40 Max)	2.64 (4.52 Max)	3.03 (4.52 Max)
Moisture Removal			L/Hr	2.7	3.2	3.5
Fan Speeds				4	4	4
Air Circulation			l/s	311	319	339
Indoor Sound Pressure Level		Quiet	Dba at 1m	32	33	34
		Low	Dba at 1m	37	37	37
		Med	Dba at 1m	42	42	42
		High	Dba at 1m	47	49	52
Outdoor Sound Pressure Level			Dba at 1m	53	53	53
Dimensions and Weights	I.U	Height	mm	320	320	320
		Width	mm	998	998	998
		Depth	mm	238	238	238
		Net Weight	kg	14	14	14
	O.U	Height	mm	578	830	1,290
		Width	mm	790	900	900
		Depth	mm	315	330	330
		Net Weight	kg	43	61	86
Outdoor Operating Temp		Cool	Degree C	-10 to 46	-10 to 46	-5 to 46
		Heat	Degree C	-15 to 24	-15 to 24	-15 to 24

NOCRIA CEILING WALL

AWTZ14L

Heating capacity: 6.0kW
Heating efficiency: COP 4.44
Cooling capacity: 4.2kW
Cooling efficiency: EER 4.12

AWTZ18L

Heating capacity: 6.7kW
Heating efficiency: COP 4.11
Cooling capacity: 5.2kW
Cooling efficiency: EER 3.29

AWTZ24L

Heating capacity: 8.5kW
Heating efficiency: COP 3.62
Cooling capacity: 7.4kW
Cooling efficiency: EER 3.01

A world exclusive heat pump that is less obtrusive because it sits higher on the wall (just under the ceiling). It has revolutionary features, including vastly improved heating and cooling efficiencies, brilliant filtration systems and automatic filter cleaning - it even cleans itself!

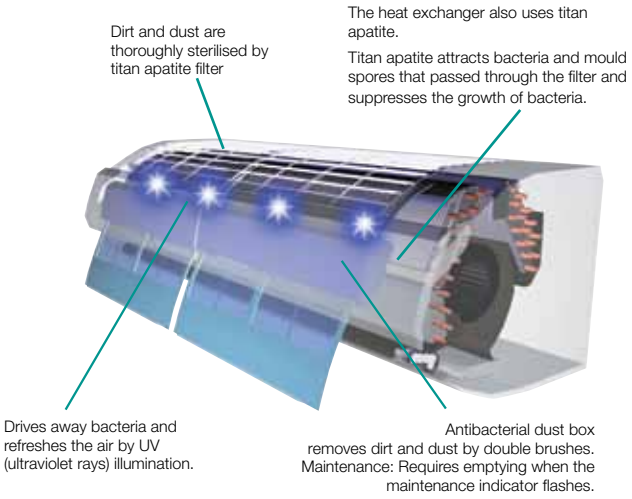
Automatic filter cleaner

WORLD FIRST!

The Nocria filter is the world's most advanced. Not only are dust and allergens such as pollen, dust mite carcasses and mould spores collected in the filter, but an ultraviolet illuminator is used to sterilise the bacteria. So your environment is not only cleaner and fresher, but is much healthier too.

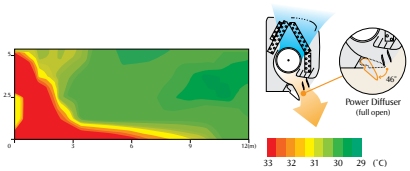
Then the filter is cleaned automatically – so you don't have to clean it yourself, but most importantly, the heat pump will continue to operate at 100% efficiency because it will not become clogged.

Entire filter is cleaned automatically in approximately 2 minutes.


Dirt and dust are thoroughly sterilised by titan apatite filter
The heat exchanger also uses titan apatite.
Titan apatite attracts bacteria and mould spores that passed through the filter and suppresses the growth of bacteria.
Drives away bacteria and refreshes the air by UV (ultraviolet rays) illumination.
Antibacterial dust box removes dirt and dust by double brushes. Maintenance: Requires emptying when the maintenance indicator flashes.

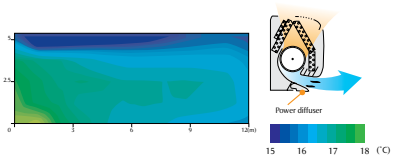
Air flow performance

Strong vertical air flow provides powerful floor level heating.



Outside air conditions: 2ºC 60%
Operation contents: Heating, Set temperature (Max set temp) 30ºC, Air flow Hi, Air direction downward and front

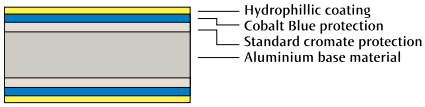
Healthy horizontal air flow does not blow cool air directly at the occupants in the room.



Outside air conditions: 35ºC 40%
Operation contents: Cooling, Set temperature (Min set temp) 18ºC, Air flow Hi, Air direction downward and front

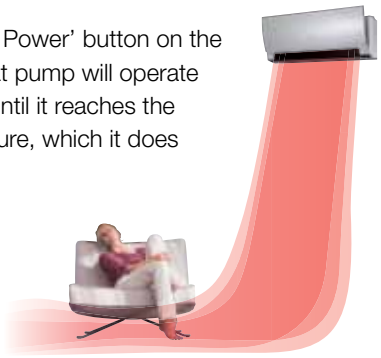
Cobalt blue heat exchanger

The outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.



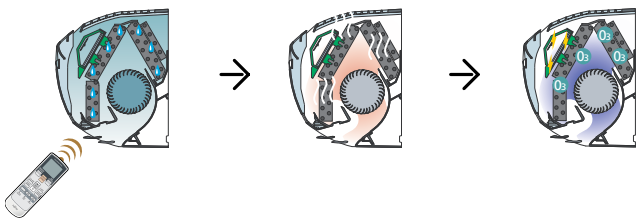
Hi power operation

When you push the 'Hi Power' button on the remote control, the heat pump will operate at maximum capacity until it reaches the desired room temperature, which it does quickly and efficiently.



Coil drying operation

By drying the heat exchanger for approximately 18 minutes and then 2 minutes of UV filter cleaning, the Coil drying operation will prevent the growth of mold, fungus and bad odours in the unit.



Nocria specifications

				INVERTER	INVERTER	INVERTER
Model No.	Indoor Unit			AWTZ14LBC	AWTZ18LBC	AWTZ24LBC
	Outdoor Unit			AOTZ14LBL	AOTZ18LBL	AOTZ24LBT
Cooling Capacities			kW	4.1	5.2	7.4
Cooling Range			kW	0.9 - 5.3	0.9 - 5.9	0.9 - 8.0
Heating Capacities			kW	6.0	6.7	8.5
Heating Range			kW	0.9 - 9.1	0.9 - 9.7	0.9 - 10.6
Star Rating	Cool			3	1.5	1
	Heat			4	3	2.5
E.E.R Cool			W/W	4.12	3.29	3.02
C.O.P Heat			W/W	4.44	4.11	3.62
Running Current	Cool		Amps	4.3 (8.5 Max)	6.6 (8.5 Max)	10.4 (12.5 Max)
	Heat		Amps	5.7 (14 Max)	6.9 (14 Max)	9.9 (17.5 Max)
Input Power (Max)	Cool		kW	1.02 (1.75 Max)	1.58 (2.0 Max)	2.46 (2.62 Max)
	Heat		kW	1.35 (2.95 Max)	1.63 (3.2 Max)	2.35 (3.68 Max)
Moisture Removal			L/Hr	2.1	2.8	3
Fan Speeds				5	5	5
Air Circulation			l/s	261	261	272
Indoor Sound Pressure Level	Quiet		Dba at 1m	29	29	36
	Low		Dba at 1m	34	34	40
	Med		Dba at 1m	39	39	43
	High		Dba at 1m	46	46	47
Outdoor Sound Pressure Level			Dba at 1m	47	48	54
Dimensions and Weights	I.U	Height	mm	250	250	250
		Width	mm	899	899	899
		Depth	mm	298	298	298
		Net Weight	kg	13.5	13.5	14
	O.U	Height	mm	578	578	830
		Width	mm	790	790	900
		Depth	mm	300	315	330
		Net Weight	kg	39	39	62
Outdoor Operating Temp	Cool		Degree C	-10 to 43	-10 to 43	-10 to 43
	Heat		Degree C	-15 to 24	-15 to 24	-15 to 24

COMPACT FLOOR CONSOLE

AGTV09L

Heating capacity: 3.5kW
Heating efficiency: COP 4.32
Cooling capacity: 2.6kW
Cooling efficiency: EER 4.33

AGTV14L

Heating capacity: 5.2kW
Heating efficiency: COP 3.61
Cooling capacity: 4.2kW
Cooling efficiency: EER 3.44

Our smart floor console is compact and elegant, yet surprisingly efficient and effective. It delivers fast heating with dual fans, is super quiet and has many features including the latest in air cleaning filters.

10°C hold temperature

At just 60cm high and 74cm long, this model is discreet and attractive – could be used to replace night storage heaters or wall heaters.

Apple-catechin filter

These clever filters use static electricity to collect fine dust, invisible mould spores, pollen and harmful micro organisms from the air.

The filter contains catechin which is highly effective against many bacteria by suppressing the growth of the bacteria absorbed by the filter.

Long-life ion deodorisation filter

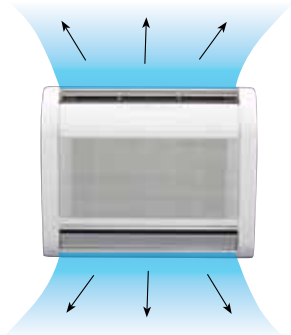
The filter absorbs common household odours including kitchen and pet smells by powerfully absorbing and decomposing them.

Economy mode

The economy mode will save energy (up to 30% of normal mode). Maintaining a slightly higher temperature in Cool mode and lower temperature in Heat mode, as well as limiting maximum current.

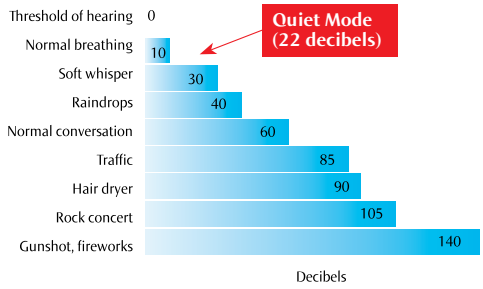
Dual fan

Twin fans and the option of using the top fan only gives you total control and fast heating (or cooling in summer) of the entire room.



Super quiet

An industry leader in quietness – with quiet mode at just 22 decibels - quieter than a human whisper.



10°C hold temperature

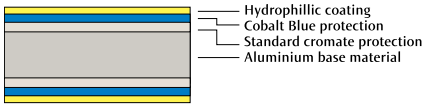
Your heat pump can be set so that the temperature never goes below 10°C, meaning your room will never get too cold.

Coil dry button

Prevents mould and bacteria growing on the indoor heat exchanger, for a cleaner healthier environment.

Cobalt blue heat exchanger

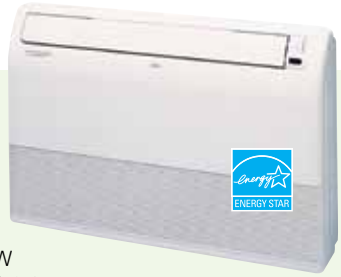
The outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.



Compact Floor Console specifications

				FLOOR INVERTER	FLOOR INVERTER
Model No.	Indoor Unit			AGTV09LAC	AGTV14LAC
	Outdoor Unit			AOTV09LAC	AOTV14LAC/ AOTV14LALL
Cooling Capacities			kW	2.6	4.2
Cooling Range			kW	0.9 - 3.5	0.9 - 5.0
Heating Capacities			kW	3.5	5.2
Heating Range			kW	0.9 - 5.5	0.9 - 8.0
Star Rating		Cool		3.5	2
		Heat		3.5	2.5
E.E.R Cool			W/W	4.33	3.44
C.O.P Heat			W/W	4.32	3.61
Running Current		Cool	Amps	2.8 (7.0 Max)	5.3 (9.0 Max)
		Heat	Amps	3.8 (10.0 Max)	6.1 (13.5 Max)
Input Power (Max)		Cool	kW	0.6 (1.4 Max)	1.14 (1.9 Max)
		Heat	kW	0.81 (2.2 Max)	1.44 (2.95 Max)
Moisture Removal			L/Hr	1.3	2.1
Fan Speeds				4	4
Air Circulation			l/s	167 Upper & Lower	180 Upper & Lower
Indoor Sound Pressure Level		Quiet	Dba at 1m	22	22
		Low	Dba at 1m	29	31
		Med	Dba at 1m	35	38
		High	Dba at 1m	40	44
Outdoor Sound Pressure Level			Dba at 1m	48	50
Dimensions and Weights	I.U	Height	mm	600	600
		Width	mm	740	740
		Depth	mm	200	200
		Net Weight	kg	14	14
	O.U	Height	mm	540	540
		Width	mm	790	790
		Depth	mm	290	300
		Net Weight	kg	40	44
Outdoor Operating Temp		Cool	Degree C	-10 to 43	-10 to 43
		Heat	Degree C	-15 to 24	-15 to 24

FLOOR CONSOLE



ABTF18L

Heating capacity: 6.0kW
Heating efficiency: COP 3.61
Cooling capacity: 5.20kW
Cooling efficiency: EER 3.21

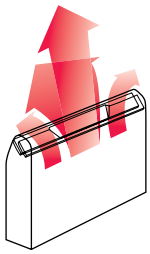
ABTF24L

Heating capacity: 8.0kW
Heating efficiency: COP 3.61
Cooling capacity: 7.1kW
Cooling efficiency: EER 3.11

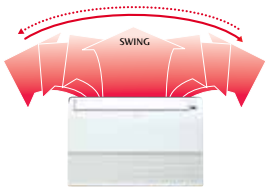
Often able to replace night storage heaters, the Inverter Floor Consoles are highly efficient, slim and lightweight. They are extremely quiet, yet powerful and they all carry the prestigious Energy Star Rating. Best of all they are designed for either floor or ceiling installation.

Super vane / double auto swing

The double-louver feature boosts airflow with combination up/down and left/right direction swing, giving you 3 dimensional control and heating for every corner of your chosen room.

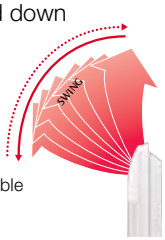


Right and left



5 selectable positions

Up and down



7 selectable positions

High capacity heating

These superb heaters deliver fast and effective heat, right down to -15°C.

OUTDOOR TEMPERATURE	
HEATING	COOLING
-15°C to 24°C	-10°C to 46°C

Efficient

They have super-quick defrost, and still also deliver outstanding cost efficiency – returning $3.60 worth of heat for every $1 of power used.

Wall controller - UTB-TUD (optional)

The easy-to-use wall controller is very popular as it gives you the option of a 7 day programmable timer - so you can 'set and forget' - and fantastic features such as:

- Weekly timer (2 x start and 2 x stop settings per day)
- Temperature set back timer enabling different night and daytime temperatures
- Various timer set-up
- Memory back up setting
- Child lock
- Filter maintenance display

Flexible installation

Floor

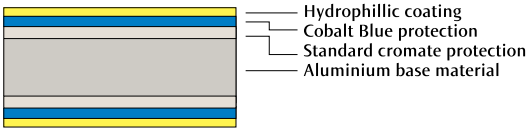
Under Ceiling

Auto-closing louver

This function is common to all Fujitsu models except the duct type.

Cobalt blue heat exchanger

The outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.



Floor Console specifications

				FLOOR/CEILING INVERTER	FLOOR/CEILING INVERTER
Model No.	Indoor Unit			ABTF18LAT	ABTF24LAT
	Outdoor Unit			AOTA18LACL/AOTA18LALL	AOTA24LACL/AOTA24LALL
Cooling Capacities			kW	5.2	7.1
Cooling Range			kW	0.9 - 5.9	0.9 - 8.0
Heating Capacities			kW	6.0	8.0
Heating Range			kW	0.9 - 7.5	0.9 - 9.1
Star Rating		Cool		2.0	1.5
		Heat		2.5	2.0
E.E.R Cool			W/W	3.21	3.11
C.O.P Heat			W/W	3.61	3.61
Running Current		Cool	Amps	6.8 (9.5 Max)	9.6 (12.5 Max)
		Heat	Amps	7.0 (13.0 Max)	9.3 (14.0 Max)
Input Power (Max)		Cool	kW	1.62 (2.26 Max)	2.28 (2.97 Max)
		Heat	kW	1.66 (3.09 Max)	2.21 (3.33 Max)
Moisture Removal			L/Hr	2	2.7
Fan Speeds				4	4
Air Circulation			l/s	217	272
Indoor Sound Pressure Level		Quiet	Dba at 1m	32	36
		Low	Dba at 1m	35	41
		Med	Dba at 1m	41	45
		High	Dba at 1m	44	49
Outdoor Sound Pressure Level			Dba at 1m	50	53
Dimensions and Weights	I.U	Height	mm	655	655
		Width	mm	990	990
		Depth	mm	199	199
		Net Weight	kg	27	27
	O.U	Height	mm	578	578
		Width	mm	790	790
		Depth	mm	300	315
		Net Weight	kg	40	40
Outdoor Operating Temp		Cool	Degree C	-10 to 46	-10 to 46
		Heat	Degree C	-15 to 24	-15 to 24

COMPACT CASSETTE

AUTF18L

Heating capacity: 6.0kW
Heating efficiency: COP 3.61
Cooling capacity: 5.20kW
Cooling efficiency: EER 3.21

AUTA24L

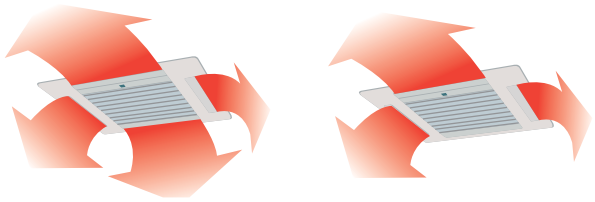
Heating capacity: 8.0kW
Heating efficiency: COP 3.61
Cooling capacity: 7.1kW
Cooling efficiency: EER 3.11

The cassette models sit in the ceiling, so they are almost invisible. But you'll feel the difference, with 4-way air distribution (which can be configured to suit your room), and turbo fan technology which will heat (or cool and dehumidify in summer) the whole room quickly and efficiently.

3 or 4-way air distribution

With 4-way air distribution, strong airflow and quick temperature change is realised when the indoor unit is placed at the centre of the room.

If the indoor unit is to be located adjacent to a wall, an optional 3-eay air outlet configuration can be made to ensure optimum airflow into the same room is maintained.



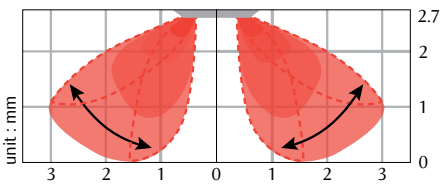
Wall Controller - UTB-TUD (option)

- Weekly timer (2 x start and 2 x stop settings per day)
- Temperature set back timer enabling different night and daytime temperatures
- Various timer set-up
- Memory back up setting
- Child lock
- Filter maintenance display

Air Flow

Air reaches whole room with ceilings of up to 3.0m

Air is spread widely to reach room corners.



Invisible comfort

The compact cassette fits inside the ceiling, with only the grill showing. They deliver high capacity heating, quietly and efficiently. You will enjoy power savings (up to $3.60 worth of heating for every $1 you spend on power).

Compact outside units

Fujitsu's outside units set the industry standard for compact design, yet still deliver all the power required, with efficient airflow design that reduces operation noise.

Blue fin heat exchanger

65% of Kiwis live within reach of salt laden air. That's why Fujitsu's outside heat exchange units are coated with a blue corrosion resistant material to enhance durability and help extend the performance life of your heat pump.

Compact Cassette specifications

				INVERTER	INVERTER
Model No.	Indoor Unit			AUTF18LAL	AUTA24LBL
	Outdoor Unit			AOTA18LACL/AOTA18LALL	AOTA24LACL/AOTA24LALL
Cooling Capacities			kW	5.20	7.10
Cooling Range			kW	0.9 - 5.9	0.9 - 8.0
Heating Capacities			kW	6.0	8.0
Heating Range			kW	0.9 - 7.5	0.9 - 9.1
Star Rating		Cool		1.5	1.5
		Heat		2.0	2.0
E.E.R Cool			W/W	3.21	3.11
C.O.P Heat			W/W	3.61	3.61
Running Current		Cool	Amps	6.8 (9.5 Max)	9.6 (12.5 Max)
		Heat	Amps	7.0 (13.0 Max)	9.3 (14.0 Max)
Input Power (Max)		Cool	kW	1.62 (2.26 Max)	2.28 (2.97 Max)
		Heat	kW	1.66 (3.09 Max)	2.21 (3.33 Max)
Moisture Removal			L/Hr	2.2	2.7
Fan Speeds				4	4
Air Circulation			l/s	222	258
Indoor Sound Pressure Level		Quiet	Dba at 1m	30	33
		Low	Dba at 1m	34	40
		Med	Dba at 1m	38	45
		High	Dba at 1m	43	49
Outdoor Sound Pressure Level			Dba at 1m	50	53
Dimensions and Weights	I.U	Height	mm	245	245
		Width	mm	570	570
		Depth	mm	570	570
		Net Weight	kg	15	17
	O.U	Height	mm	578	578
		Width	mm	790	790
		Depth	mm	300	315
		Net Weight	kg	40	44
Outdoor Operating Temp		Cool	Degree C	-10 to 46	-10 to 46
		Heat	Degree C	-15 to 24	-15 to 24

FUJITSU HEAT PUMPS

NEW ZEALAND'S FAVOURITE AIR™

Being Energywise

Fujitsu General New Zealand Limited
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EECA energywise™

Heat pumps are one of the most efficient forms of heating available. In fact Fujitsu heat pumps can give you around 4 1/2 times the amount of heat for the same price as running a conventional heater.

But you only get the energy efficiency gains if you use your heat pump smartly – otherwise your power bill may not show much of a saving at all.

Ask your heat specialist, accredited by Fujitsu to give you good advice tailored to your home. But in the meantime, here are some general tips to help you get the most out of your heat pump:

Home insulation will save you heaps of power – without good insulation, you can lose up to 75% of the heat you are paying for, through your ceiling, walls and floor.

Choose a heat pump that carries the blue ENERGY STAR® mark – it tells you which are the most energy efficient available.

Only heat the spaces that you are actually using, and shut doors and curtains to keep the heat in.

Don't have the temperature higher than you need it. Aim for between 18°-22° Celsius while you are using a space and then 16° Celsius if you need it on overnight - otherwise, we recommend turning it off until the morning.

Learn to use the timer features so your heat pump comes on an hour or so before you get home or get up in the morning, instead of leaving it on all day.

Keep your heat pump well maintained, including making sure the filters are cleaned regularly.

Enjoy the better heat comfort of your Fujitsu heat pump, we know you will reap the rewards for many years to come.

Explanation of terms

Capacity – the higher the capacity, the more area and faster the heat pump will heat (and cool) the room.

COP – Stands for coefficient of performance or (more simply!), the relationship between energy used and heat delivered. For example with a heating COP of 4.11 – you will get 4.11kW of heat for every 1kW of energy used.

Energy Star Rating – your quick guide to energy efficiency – more stars means more efficient.

Indoor Sound – measured in decibels, this is the sound level of your indoor unit at selected fan speeds. For example 20-30 decibels is less than the sound of a human whisper.

Heating Range – with our Kiwi winter, your heat pump needs to be able to supply heat indoors, even when its -15˚C outside!

Explanation of Features

Moisture Removal
The computer effectively dehumidifies the air.

Up/Down Swing Louvers
The up/down flaps automatically swing to up and down.

Right/Left Swing Louvers
The right/left flaps automatically swing in either direction.

Double Swing Automatic
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.

Automatic Louvers
The position of the louvers is set automatically to match the operating mode. It is also possible to adjust the louvers using the remote control.

Auto Shut Louvers
The auto shut louvers close or open automatically when the unit stops or starts.

Automatic Air Flow Adjustment
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.

Auto Restart
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.

Auto-Changeover
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

Sleep Timer
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

Program Timer
This digital timer allows selection of one of four options.
ON, OFF, ON –> OFF, or OFF –> ON.

ON-OFF Timer
ON-OFF timer can be set to operate once.

Weekly Timer
COPY TO GO HERE.

Long-life Ion deodorisation filter

Apple-catechin filter

Economy Mode

Filter

Washable Panel

Coil dry operation
Pressing the coil dry button after operating will dry the internal unit to prevent mould and bacteria growth.

Cobalt Blue Heat Exchanger
Outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.

Human Sensor

Powerful Heating

Wall (wired) controller – Optional Smart, easy-to-use wall (wired) controller. 7-day timer for 'set and forget'.

Energy Star – your quick to New Zealand's most energy efficient products

Cooling Heating

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